AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Service Equipment								
Course Code	OTT154		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Being able to understand the importance of service structure in terms of service efficiency and determining the physical structure and operating methods of service operations. To be able to comprehend knowledge and skill integrity that can ensure that technical equipment and processes in service operations can be adequately created. To be able to comprehend the methods of protecting the working of knowledge and skills in a dynamic structure in terms of efficiency of service operations. Understanding the importance of productivity and follow-up of new technological developments in service equipment								
Course Content	Service physical structures and methods. Establishment of technical equipment and processes. Knowledge and skill are our dynamism. New technologies in service equipment.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual Study								
Name of Lecturer(s)	Lec. Ahmet Fatih HACIYUSUFOĞLU								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Megep lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical & Practice	The structure of instruments and apparatus used in servicing workshops
2	Theoretical & Practice	Service equipment to be included in the workshop, machinery and apparatus.
3	Theoretical & Practice	Efficient use of the necessary apparatus in service.
4	Theoretical & Practice	Creation of Service takımhane.
5	Theoretical & Practice	According to the operating features of the planning workshop.
6	Theoretical & Practice	Efficiency in the workshop.
7	Theoretical & Practice	Planning the use of machinery and equipment used in the workshop.
8	Theoretical & Practice	Measures to be taken against work-related accidents in service. (Midterm)
9	Theoretical & Practice	Developing new technologies in the creation of service equipment.
10	Theoretical & Practice	Examining the site of a workshop.
11	Theoretical & Practice	Tarkışılarak evaluation of the students surveyed workshop.
12	Theoretical & Practice	Service employees must have the skills and knowledge according to the characteristics of the workshop
13	Theoretical & Practice	The impact on productivity of the knowledge and skills of service employees.
14	Theoretical & Practice	Developing new technologies in the creation of service equipment.

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Seminar	5	0	1	5
Studio Work	5	0	2	10
Individual Work	10	0	2	20
Midterm Examination	1	5	1	6

Final Examination	1	5	1	6
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Students will comprehend the service structure.
2	Students' knowledge and skills related to increasing service efficiency is improved.
3	Student understands the integrity of skills and knowledge that will enable technical equipment and processes to be sufficient in service processes
4	Understands the knowledge and skills that employees should have according to the characteristics of the student service workshop
5	Students will be able to comprehend the importance of monitoring and application of new technological developments

Programme Outcomes *(Automotive Technology)*	
1	To be able to interpret and evaluate data, identify problems, analyze them, and develop evidence-based solutions by using basic knowledge and skills in the field.
2	Must be able to choose and effectively use the modern techniques, tools and information technologies necessary for field related applications.
3	Must be able to gain practical skills by examining relevant processes in industry and service sector on site.
4	They must be able to produce solutions, take responsibility for teams or do individual work when they encounter situations unforeseen in the field related applications.
5	Awareness of the need for lifelong learning; it must be able to follow the developments in science and technology and to constantly renew itself.
6	Must be able to use computer software and hardware at the basic level required by the field
7	Must have job security, worker health, environmental protection knowledge and quality awareness.
8	He must possess a level of foreign language knowledge that is capable of following the innovations in his area of expertise and communication techniques.
9	Must be able to acquire basic theoretical and practical knowledge about the field in mathematics, science and basic engineering.
10	It should have the ability to plan the processes / processes of the Automotive Program to meet the expectations of the sector.
11	To be able to design the systems and components related to the field by using technical drawing, computer aided drawing, designing using simulation programs and using various softwares, to be able to make basic sizing calculations, to be able to master professional plans and projects.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	4	4	3	5	2
P2	4		4		3
P3	5	5	4	2	3
P4	1	1	3	3	4
P5	2		2	3	4
P6	3		3	4	2
P7	4	4	2	4	3
P8	3		2	2	3
P9	4		3	3	4
P10	3	3	4	3	3
P11	2		5	4	2